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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/019,220	05/16/2002	Kim King Tong Lau	117-373	6272		
7	590 09/09/2004		EXAM	INER		
Nixon & Vanderhye 1100 North Glebe Road 8th Floor			NOGUEROLA, ALEX	NOGUEROLA, ALEXANDER STEPHAN		
Arlington, VA 22201-4714			ART UNIT	PAPER NUMBER		
			1753			
			DATE MAILED: 09/09/2004	ı		

Please find below and/or attached an Office communication concerning this application or proceeding.

		Application No.	Applicant(s)	- J
		10/019,220	LAU ET AL.	/
Office Action Sun	nmary	Examiner	Art Unit	
		ALEX NOGUEROLA	1753	
The MAILING DATE of th	is communication app	1	with the correspondence addre	255
Period for Reply			·	700
A SHORTENED STATUTORY THE MAILING DATE OF THIS - Extensions of time may be available under after SIX (6) MONTHS from the mailing da - If the period for reply specified above is les - If NO period for reply is specified above, th - Failure to reply within the set or extended I Any reply received by the Office later than earned patent term adjustment. See 37 Cl	COMMUNICATION. the provisions of 37 CFR 1.13 te of this communication. ss than thirty (30) days, a reply the maximum statutory period w period for reply will, by statute, three months after the mailing	36(a). In no event, however, may a within the statutory minimum of the fill apply and will expire SIX (6) MC cause the application to become	a reply be timely filed nirty (30) days will be considered timely. DNTHS from the mailing date of this comm ABANDONED (35 U.S.C. & 133)	nunication.
Status				
1) Responsive to communication	ation(s) filed on			
2a) This action is FINAL .		action is non-final.		
3) Since this application is in	condition for allowar	ce except for formal ma	tters, prosecution as to the m	erits is
closed in accordance with				
Disposition of Claims				
4) Claim(s) <u>22-43</u> is/are pend	ting in the application			
4a) Of the above claim(s)				
5) Claim(s) is/are allow		in nom consideration.		
6) Claim(s) is/are reje				
7) Claim(s) is/are objection				
8) Claim(s) <u>22-43</u> are subject		election requirement		
Application Papers		,		
9)☐ The specification is objecte	ed to by the Everniner			
10)☐ The drawing(s) filed on	•		hytha Evanina	
Applicant may not request that				
11) The eath or declaration is a	s) including the correction	on is required il the drawing	g(s) is objected to. See 37 CFR 1	.121(d).
11)☐ The oath or declaration is o	objected to by the Exa	immer. Note the aπache	d Office Action or form PTO-1	152.
Priority under 35 U.S.C. § 119				
12) Acknowledgment is made o		priority under 35 U.S.C.	§ 119(a)-(d) or (f).	
a)□ All b)□ Some * c)□ N	lone of:			
	ne priority documents			
Certified copies of the	e priority documents	have been received in A	Application No	
 Copies of the certifie 	ed copies of the priorit	y documents have beer	received in this National Stag	ge
	International Bureau			
* See the attached detailed O	ffice action for a list o	f the certified copies not	received.	
Attachment(s)		k -4		
Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing	n Review (PTO-049)	4) Lanterview S	Summary (PTO-413) s)/Mail Date	
Paper No(s)/Mail Date	FO-1449 or PTO/SB/08)		nformal Patent Application (PTO-152)
S. Patent and Trademark Office FOL-326 (Rev. 1-04)	Office Action	on Summary	Part of Paper No./Mail Date 09	2052004

Application/Control Number: 10/019,220

Art Unit: 1753

DETAILED ACTION

Election/Restrictions

1. Restriction is required under 35 U.S.C. 121 and 372.

This application contains the following inventions or groups of inventions which are not so linked as to form a single general inventive concept under PCT Rule 13.1.

In accordance with 37 CFR 1.499, applicant is required, in reply to this action, to elect a single invention to which the claims must be restricted.

Group I, claims 22-37, drawn to a sensor.

Group II, claims 38 and 39, drawn to use of a sensor.

Group III, claims 40-43, drawn to a ferricyanide compound.

- 2. The inventions listed as Groups I and III do not relate to a single general inventive concept under PCT Rule 13.1 because, under PCT Rule 13.2, they lack the same or corresponding special technical features for the following reasons: the sensor of Group I does not require the ferricyanide compound to have a quaternary ammonium ion as defined by the compound of Group III. Claim 25 of Group I allows for a larger range of ammonium compounds than Group III. For example, the quaternary ammonium of claim 25 may comprise three different alkyl groups having 20 carbons each. Furthermore, Group I does not necessarily require the ferricyande compounds to include a quaternary ammonium ion. Claim 22 is openended and Claims 28 and 33 of Group I require a phosphonium ion instead.
- 3. The inventions listed as Groups II and III do not relate to a single general inventive concept under PCT Rule 13.1 because, under PCT Rule 13.2, they lack the same or corresponding special technical features for the following reason: Group II is directed to use of the sensor of Group I and thus also does not require the ferricyande compound to have a quaternary ammonium ion as defined by compound of Group III or, indeed, to necessarily

Application/Control Number: 10/019,220

Art Unit: 1753

require the ferricyanide compound to include a quaternary ammonium ion, as discussed in the preceding paragraph.

Page 3

4. Because Groups I and II do share a special technical feature they will be rejoined upon an election of either group.

5. A telephone call was made to Arthur Crawford on September 03, 2004 to request an oral

election to the above restriction requirement, but did not result in an election being made.

Applicant is advised that the reply to this requirement to be complete must include an

election of the invention to be examined even though the requirement be traversed (37 CFR

1.143).

6. Applicant is reminded that upon the cancellation of claims to a non-elected invention, the

inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the

currently named inventors is no longer an inventor of at least one claim remaining in the

application. Any amendment of inventorship must be accompanied by a request under 37

CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

7. Any inquiry concerning this communication or earlier communications from the

examiner should be directed to ALEX NOGUEROLA whose telephone number is (571) 272-

1343. The examiner can normally be reached on M-F 8:30 - 5:00.

Application/Control Number: 10/019,220

Art Unit: 1753

Page 4

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, NAM NGUYEN can be reached on (571) 272-1342. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Alex Noguerola Primary Examiner AU 1753

September 5, 2004